RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/066,810B
Source: USPTO
Date Processed by STIC: 1-11-05

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IFW16

RAW SEQUENCE LISTING DATE: 01/11/2005
PATENT APPLICATION: **US/10/066,810B** TIME: 17:01:28

Input Set : **A:\38187.txt**
Output Set: **N:\CRF4\01112005\J066810B.raw**

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      3 <110> APPLICANT: MANDELKOW ET AL.
      5 <120> TITLE OF INVENTION: NOVEL TOOLS FOR THE DIAGNOSIS AND TREATMENT OF ALZHEIMER'S
DISEASE
      7 <130> FILE REFERENCE: 28384/38187
C-->  9 <140> CURRENT APPLICATION NUMBER: US/10/066,810B
C-->  9 <141> CURRENT FILING DATE: 2002-02-04
      9 <150> PRIOR APPLICATION NUMBER: US 10/066,810
     10 <151> PRIOR FILING DATE: 2002-02-04
     12 <150> PRIOR APPLICATION NUMBER: US 09/640,737
     13 <151> PRIOR FILING DATE: 2000-08-17
     15 <150> PRIOR APPLICATION NUMBER: US 08/244,603
     16 <151> PRIOR FILING DATE: 1994-06-03
     18 <160> NUMBER OF SEQ ID NOS: 38
     20 <170> SOFTWARE: PatentIn version 3.1
     22 <210> SEQ ID NO: 1
     23 <211> LENGTH: 441
     24 <212> TYPE: PRT
     25 <213> ORGANISM: Homo sapiens
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     31 1               5                  10                  15
     34 Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met His
     35             20                  25                  30
     38 Gln Asp Gln Glu Gly Asp Thr Asp Ala Gly Leu Lys Glu Ser Pro Leu
     39         35                  40                  45
     42 Gln Thr Pro Thr Glu Asp Gly Ser Glu Glu Pro Gly Ser Glu Thr Ser
     43     50                  55                  60
     46 Asp Ala Lys Ser Thr Pro Thr Ala Glu Asp Val Thr Ala Pro Leu Val
     47 65                  70                  75                  80
     50 Asp Glu Gly Ala Pro Gly Lys Gln Ala Ala Ala Gln Pro His Thr Glu
     51                 85                  90                  95
     54 Ile Pro Glu Gly Thr Thr Ala Glu Glu Ala Gly Ile Gly Asp Thr Pro
     55             100                 105                 110
     58 Ser Leu Glu Asp Glu Ala Ala Gly His Val Thr Gln Ala Arg Met Val
     59         115                 120                 125
     62 Ser Lys Ser Lys Asp Gly Thr Gly Ser Asp Asp Lys Lys Ala Lys Gly
     63     130                 135                 140
     66 Ala Asp Gly Lys Thr Lys Ile Ala Thr Pro Arg Gly Ala Ala Pro Pro
     67 145                 150                 155                 160
     70 Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg Ile Pro Ala Lys Thr Pro
     71                 165                 170                 175
     74 Pro Ala Pro Lys Thr Pro Pro Ser Ser Gly Glu Pro Pro Lys Ser Gly
     75             180                 185                 190
     78 Asp Arg Ser Gly Tyr Ser Ser Pro Gly Ser Pro Gly Thr Pro Gly Ser
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79          195                 200                 205
82 Arg Ser Arg Thr Pro Ser Leu Pro Thr Pro Pro Thr Arg Glu Pro Lys
83      210                 215                 220
86 Lys Val Ala Val Val Arg Thr Pro Pro Lys Ser Pro Ser Ser Ala Lys
87 225                 230                 235                 240
90 Ser Arg Leu Gln Thr Ala Pro Val Pro Met Pro Asp Leu Lys Asn Val
91                  245                 250                 255
94 Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys His Gln Pro Gly Gly
95              260                 265                 270
98 Gly Lys Val Gln Ile Ile Asn Lys Lys Leu Asp Leu Ser Asn Val Gln
99          275                 280                 285
102 Ser Lys Cys Gly Ser Lys Asp Asn Ile Lys His Val Pro Gly Gly Gly
103     290                 295                 300
106 Ser Val Gln Ile Val Tyr Lys Pro Val Asp Leu Ser Lys Val Thr Ser
107 305                 310                 315                 320
110 Lys Cys Gly Ser Leu Gly Asn Ile His His Lys Pro Gly Gly Gly Gln
111                 325                 330                 335
114 Val Glu Val Lys Ser Glu Lys Leu Asp Phe Lys Asp Arg Val Gln Ser
115             340                 345                 350
118 Lys Ile Gly Ser Leu Asp Asn Ile Thr His Val Pro Gly Gly Gly Asn
119         355                 360                 365
122 Lys Lys Ile Glu Thr His Lys Leu Thr Phe Arg Glu Asn Ala Lys Ala
123     370                 375                 380
126 Lys Thr Asp His Gly Ala Glu Ile Val Tyr Lys Ser Pro Val Val Ser
127 385                 390                 395                 400
130 Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser
131                 405                 410                 415
134 Ile Asp Met Val Asp Ser Pro Gln Leu Ala Thr Leu Ala Asp Glu Val
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139         435                 440
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144 <212> TYPE: PRT
145 <213> ORGANISM: Artificial sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Synthetic peptide
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153 1               5
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157 <211> LENGTH: 7
158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Synthetic peptide
164 <400> SEQUENCE: 3
166 Tyr Ser Ser Pro Gly Ser Pro
167 1               5
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PATENT APPLICATION: **US/10/066,810B** TIME: 17:01:28

Input Set : **A:\38187.txt**
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171 <212> TYPE: PRT
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180 1               5
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184 <211> LENGTH: 12
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Synthetic peptide
191 <400> SEQUENCE: 5
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194 1               5                   10
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198 <211> LENGTH: 6
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Synthetic peptide
205 <400> SEQUENCE: 6
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208 1               5
211 <210> SEQ ID NO: 7
212 <211> LENGTH: 7
213 <212> TYPE: PRT
214 <213> ORGANISM: Artificial sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Synthetic peptide
219 <400> SEQUENCE: 7
221 Tyr Lys Ser Pro Val Val Ser
222 1               5
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227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial sequence
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231 <223> OTHER INFORMATION: Synthetic peptide
233 <400> SEQUENCE: 8
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236 1               5
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240 <211> LENGTH: 7
241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial sequence
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Input Set : A:\38187.txt
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250 1 5
253 <210> SEQ ID NO: 10
254 <211> LENGTH: 7
255 <212> TYPE: PRT
256 <213> ORGANISM: Artificial sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Synthetic peptide
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263 Pro Leu Gln Thr Pro Thr Glu
264 1 5
267 <210> SEQ ID NO: 11
268 <211> LENGTH: 12
269 <212> TYPE: PRT
270 <213> ORGANISM: Artificial sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Synthetic peptide
275 <400> SEQUENCE: 11
277 Leu Lys Glu Ser Pro Leu Gln Thr Pro Thr Glu Asp
278 1 5 10
281 <210> SEQ ID NO: 12
282 <211> LENGTH: 7
283 <212> TYPE: PRT
284 <213> ORGANISM: Artificial sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Synthetic peptide
289 <400> SEQUENCE: 12
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292 1 5
295 <210> SEQ ID NO: 13
296 <211> LENGTH: 7
297 <212> TYPE: PRT
298 <213> ORGANISM: Artificial sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Synthetic peptide
303 <400> SEQUENCE: 13
305 Ile Gly Asp Thr Pro Ser Leu
306 1 5
309 <210> SEQ ID NO: 14
310 <211> LENGTH: 8
311 <212> TYPE: PRT
312 <213> ORGANISM: Artificial sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Synthetic peptide
317 <400> SEQUENCE: 14
319 Lys Ile Ala Thr Pro Arg Gly Ala

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PATENT APPLICATION: **US/10/066,810B** TIME: 17:01:28

Input Set : **A:\38187.txt**
Output Set: **N:\CRF4\01112005\J066810B.raw**

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324 <211> LENGTH: 7
325 <212> TYPE: PRT
326 <213> ORGANISM: Artificial sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Synthetic peptide
331 <400> SEQUENCE: 15
333 Pro Ala Lys Thr Pro Pro Ala
334 1 5
336 <210> SEQ ID NO: 16
337 <211> LENGTH: 7
338 <212> TYPE: PRT
339 <213> ORGANISM: Artificial sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: Synthetic peptide
344 <400> SEQUENCE: 16
346 Ala Pro Lys Thr Pro Pro Ser
347 1 5
350 <210> SEQ ID NO: 17
351 <211> LENGTH: 13
352 <212> TYPE: PRT
353 <213> ORGANISM: Artificial sequence
355 <220> FEATURE:
356 <223> OTHER INFORMATION: Synthetic peptide
358 <400> SEQUENCE: 17
360 Pro Ala Lys Thr Pro Pro Ala Pro Lys Thr Pro Pro Ser
361 1 5 10
364 <210> SEQ ID NO: 18
365 <211> LENGTH: 7
366 <212> TYPE: PRT
367 <213> ORGANISM: Artificial sequence
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370 <223> OTHER INFORMATION: Synthetic peptide
372 <400> SEQUENCE: 18
374 Ser Pro Gly Thr Pro Gly Ser
375 1 5
378 <210> SEQ ID NO: 19
379 <211> LENGTH: 7
380 <212> TYPE: PRT
381 <213> ORGANISM: Artificial sequence
383 <220> FEATURE:
384 <223> OTHER INFORMATION: Synthetic peptide
386 <400> SEQUENCE: 19
388 Arg Ser Arg Thr Pro Ser Leu
389 1 5
391 <210> SEQ ID NO: 20
392 <211> LENGTH: 7
393 <212> TYPE: PRT

VERIFICATION SUMMARY DATE: 01/11/2005
PATENT APPLICATION: **US/10/066,810B** TIME: 17:01:29

Input Set : **A:\38187.txt**
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